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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Invention of:

Timothy B. Cowles, et al.

Serial No.: 09/864,682

Filed: May 24, 2001

For: CIRCUIT AND METHOD FOR TIME-EFFICIENT MEMORY REPAIR (as amended)

§ Group Art Unit: 2133
§ Examiner: David Ton
§ Atty. Docket: 00-0058.01
§ Paper No.
§

INFORMATION DISCLOSURE STATEMENT

Certificate of Mailing (37 C.F.R. § 1.8)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

12/30/04
Date

Susan Jerome
Signature

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants respectfully request that this Information Disclosure Statement be entered and that the reference listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Per the amendment to 37 CFR 1.98, a copy of the cited U.S. patent is not enclosed.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following reference is disclosed for the Examiner's review:

U.S. Patents

U.S. Patent No.
6,246,618

Issue Date
June 12, 2001

Inventor
Yamamoto, et al.

01/04/2005 SMINASS1 00000002 133092 09864682

01 FC:1806 180.00 DA

This Information Disclosure Statement is being submitted after the mailing of the first Office Action, but before the mailing of a Final Rejection or Notice of Allowance. The Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) of \$180 and any additional fees which may be required to Micron Technology Inc. Deposit Account No.13-3092, Order No. 00-0058.01.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicants' undersigned attorney at the number indicated.

* * * *

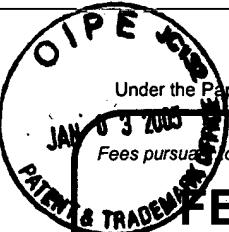
A Form PTO-1449 is enclosed herewith.

Respectfully submitted,



Date: 12/29/14

Charles Brantley
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ATTORNEY FOR APPLICANTS



Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEES TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

Complete if Known	
Application Number	09/864,682
Filing Date	May 24, 2001
First Named Inventor	Timothy B. Cowles, et al.
Examiner Name	David Ton
Art Unit	2133
Attorney Docket No.	00-0058.01

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify) : _____
 Deposit Account Deposit Account Number: 13-3092 Deposit Account Name: Micron Technology, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 30 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity
77	-108 or HP= 0	x 0 =	_____	Fee (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
18	- 24 or HP= 0	x 0 =	_____	Fee (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	- 100 = _____	/ 50 = _____ (round up to a whole number) x	_____	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Information Disclosure Statement

180

SUBMITTED BY

Signature	Charles Brantley	Registration No. (Attorney/Agent)	38,086	Telephone	208-368-4557
Name (Print/Type)	Charles Brantley			Date	12/29/04

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Sheet: 1 of: 1

FORM: PTO-141 (REV: 7-80)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty Docket No: 00-0058.01	Serial No: 09/864,682
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))			Applicant: Timothy B. Cowles, et al.	
			Filing Date: May 24, 2001	Group: 2133
<i>(use several sheets if necessary)</i>				

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass
AA	6,246,618	06/12/2001	Yamamoto, et al.	365	200
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					
AL					
AM					
AN					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>
AQ						<input type="checkbox"/>	<input type="checkbox"/>

Initial

OTHER ART (including author, title, date, pertinent pages, etc.)

AR							
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
AS						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
AT						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.